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surface 2e1-2e4 is divided into two parts so that in the embodiment of FIG. 11a the shorter combination surfaces e.g. the 3. and 4. combination surfaces, are not aligned with the longer combination surfaces (the 1. and 2. combination surfaces respectively) but are separated from each other by a step 17, as shown in FIG. 11a between the 1. and 3. combination surfaces. In the case of FIG. 11b the shorter combination surfaces are inclined at a small angle to the longer combination surfaces, as shown particularly for the 2. and 4. combination surfaces. As a consequence in both these embodiments the angular pitch between cut surfaces corresponding to successive combination values of the key are partly different, but the cooperation between them and the corresponding surfaces in the locking discs 4 (cf. for instance FIG. 4: 4a11, 4a12 etc.) can be arranged such that the mutual angular pitch between the corresponding peripheral notches in the code locking discs 4 remains 15°, whereby the operation of the lock mechanism corresponds to the one described for the embodiment of FIG. 1. Regardless of the design of the central area in the key, i.e. the grooves 2f, and regardless of the combinations, a key in accordance with the arrangement of FIG. 11a will not operate a lock designed for a key in accordance with FIG. 11b and vice versa, and a key in accordance with the arrangement of FIG. 11a or FIG. 11b will not operate a lock designed for a key in accordance with FIG. 3 and vice versa.

In the Claims:

Claims 1, 2, 3, 5, 6, 8, 9, 10 and 11 rewrite as follows:

- Q3 Sub 1
1. (Amended) A cylinder lock and key combination comprising:
a lock body,
a turnable lock cylinder located inside the lock body and having an axial slot,
a set of code locking discs located inside the lock cylinder, each locking disc having at least one peripheral notch and a key opening and being turnable in the lock body in a first turning direction by application of turning force to a counter surface bounding the key opening, each locking disc having an opening position in which its peripheral notch is at the position of the axial slot in the lock cylinder, such that when all the locking discs are in their respective opening positions the peripheral notches form a uniform channel at the position of the axial slot, the key openings of at least first and second code locking discs each being bounded by at least two discrete counter surfaces such

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cont that the first code locking disc can be turned in said first turning direction by application of turning force to any one of said discrete counter surfaces of the first code locking disc and the second code locking disc can be turned in said first turning direction by application of turning force to any one of said discrete counter surfaces of the second code locking disc,

a locking bar having a locking position in which it prevents turning of the cylinder relative to the lock body and a releasing position in which it is received in the channel formed by the peripheral notches of the locking discs and releases the cylinder for turning relative to the lock body, and

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cont a key insertable in the lock when the locking discs are at an initial position, the key having a set of combination surfaces corresponding respectively to the locking discs, for engaging a counter surface of each locking disc and applying turning force thereto when the key is inserted in the lock and is turned in the first turning direction, so that the locking discs are turned in the first turning direction to their respective opening positions,

and wherein the combination surface corresponding to said first code locking disc is provided with a first of at least two combination values and the combination surface corresponding to said second code locking disc is provided with a second of said at least two combination values, and the first and second combination values are such that the first code locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the first code locking disc has either said first combination value or said second combination value and the second locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the second locking disc has either said first combination value or said second combination value, but only a key of which the combination surface corresponding to the first code locking disc has the first combination value and the combination surface corresponding to the second locking disc has the second combination value is able to turn the first and second code locking discs to their respective opening positions.

2. (Amended) A cylinder lock and key combination according to claim 1, wherein the key opening of said first locking disc has first and second discrete counter surfaces for engagement selectively by the combination surface corresponding to said first

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locking disc for turning said first locking disc in the first turning direction, and the first and second discrete counter surfaces are arranged at a distance from each other and are located at different respective angles with regard to a central axis (D) of the key opening of said first locking disc.

3. (Amended) A cylinder lock and key combination according to claim 2, wherein the first and second discrete counter surfaces are inclined at an angle of about 30°.

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5. (Amended) A cylinder lock and key combination according to claim 1, wherein the key openings of the code locking discs are substantially identical and are formed so that the combination surfaces of the key engage the respective counter surfaces of the corresponding locking discs only after the key has been turned through a selected angle from the initial insertion position of the key.

6. (Amended) A cylinder lock and key combination according to claim 5, wherein said selected angle is about 15°.

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8. (Amended) A cylinder lock and key combination according claim 1, wherein the lock is operable in only one turning direction and the key opening of said first locking disc is bounded by a return surface which cooperates with the key to return said first locking disc to a locking position when the key is turned in a second turning direction, opposite said first turning direction, the return surface being opposite to the counter surfaces with regard to the central axis of said one locking disc.

9. (Amended) A cylinder lock and key combination according to claim 8, wherein said return surface is aligned with one of the counter surfaces of said first locking disc.

10. (Amended) A cylinder lock and key combination according to claim 1, wherein the lock is operable in two turning directions and each locking disc is turnable in a second turning direction, opposite the first turning direction, by application of turning force to a counter surface bounding the key opening, the key has a second set of combination surfaces for engaging a counter surface of each locking disc when the key is turned in the second turning